

SUBJECT: SOIL EROSION

CATEGORY: USLE – RELATION TO "T" VALUE *

QUALIFIERS: 1997 CULTIVATED CROPLAND

REPORTING UNIT: AREA (ACRES IN THOUSANDS)

GEOGRAPHIC AREA: MISSOURI'S MAJOR LAND RESOURCE AREAS

TABLE: MLRA'S RANKED BY TOTAL ACRES ERODING ABOVE "T"

rank	mlra	acres eroding above "t"	acres of cultivated cropland	% of total cultivated cropland in mlra eroding above "t"	% of total state cultivated cropland eroding above "t"
1	113	877	1408	62%	22%
2	107	846	2076	41%	21%
3	109	797	1621	49%	20%
4	115	615	1579	39%	15%
5	112	382	930	41%	10%
6	116B	226	492	46%	6%
7	131	78	2097	4%	2%
8	108	73	160	46%	2%
9	134	25	94	27%	1%
10	116A	9	56	16%	<1%
STATE TOTALS		3928	10513		

* USLE – Universal Soil Loss Equation. This equation estimates average annual soil loss from sheet and rill erosion. Location specific data for the field in which the NRI sample point falls or that portion of the field surrounding the point that would be considered in conservation planning are used in the NRI calculation.

"T" Factor – The maximum rate of annual soil erosion that will permit crop productivity to be sustained economically and indefinitely.

DATA SOURCE: 1997 NATIONAL RESOURCES INVENTORY (REVISED DECEMBER 2000)

